Journal of Non-Crystalline Solids 153&154 (1993) 663–669
North-Holland

JOURNAL OF
NON-CRYSTALLINE SOLIDS

Author index

Abramovici, G., Tiling of triacontahedra 153&154 (1993) 123
Akiyama, H., see Takeuchi, S. 153&154 (1993) 353
Altounian, Z., see Sahnoune, A. 153&154 (1993) 343
Aragón, J.L., D. Romeu, M. Torres and J. Fayos, Recursive growth of the Al-CuLi icosahedral and crystalline phases 153&154 (1993) 525
Aragón, J.L., see Romeu, D. 153&154 (1993) 237
Aragón, J.L., see Torres, M. 153&154 (1993) 268
Araki, K., see Waseda, A. 153&154 (1993) 635
Ashcroft, N.W., see Burkov, S.E. 153&154 (1993) 380
Audier, M., P. Guyot, M. de Boissieu and N. Menguy, Crystal-to-quasicrystal transformations 153&154 (1993) 591
Audier, M., see Boudard, M. 153&154 (1993) 5
Audier, M., see Menguy, N. 153&154 (1993) 620

Baake, M., D. Joseph, J. Roth and M. Schlottmann, The specific heat capacity of defective vertex configurations in quasicrystals 153&154 (1993) 578
Baake, M., see Ben-Abraham, S.I. 153&154 (1993) 132
Baake, M., see Joseph, D. 153&154 (1993) 394
Baake, M., see Kramer, P. 153&154 (1993) 650
Babalievski, F.V., Percolation conductivity of Penrose lattices by the transfer-matrix Monte Carlo method 153&154 (1993) 370
Bailly, F., see Mosseri, R. 153&154 (1993) 201
Bancel, P.A., see DiVincenzo, D.P. 153&154 (1993) 145
Bancel, P.A., see Gratias, D. 153&154 (1993) 482
Baranidharan, S., E.S.R. Gopal and V. Sasisekharan, Modelling the transformation from quasicrystal to crystal 153&154 (1993) 640
Barbier, J.-N., N. Tamura and J.-L. Verger-Gaugry, Monoclinic $Al_{13}Fe_4$ approximant phase: a link between icosahedral and decagonal phases 153&154 (1993) 126
Barrera, R.G., see Wang, C. 153&154 (1993) 586
Barrio, R.A. and C. Wang, Some physical inferences from the quasicrystalline topology of Penrose lattices 153&154 (1993) 375
Barrio, R.A., see Wang, C. 153&154 (1993) 586
Beeli, C. and H.-U. Nissen, Stable decagonal $Al_{70}Mn_{17}Pd_{13}$ quasicrystal 153&154 (1993) 463
Beeli, C., see Boudard, M. 153&154 (1993) 5
Beeli, C., see Nissen, H.-U. 153&154 (1993) 68
Belin, E. and Z. Danhkázi, Valence band electronic distributions in quasicrystals 153&154 (1993) 298
Belin, E., see Sadoc, A. 153&154 (1993) 338
Bellissent, R., B. Mozer, Y. Calvayrac, D. Gratias and J.W. Cahn, RDFs and Fe–Fe pair correlations in an AlCuFe icosahedral alloy by double isotopic substitution 153&154 (1993) 1
Bellissent, R., see Cornier-Quiquandon, M. 153&154 (1993) 10
Bellissent, R., see de Boissieu, M. 153&154 (1993) 552
Bellissent, R., see Coddens, G. 153&154 (1993) 557
Ben-Abraham, S.I., M. Baake, P. Kramer and M. Schlottmann, Regular and defective vertex configurations in icosahedral structures 153&154 (1993) 132
Ben-Abraham, S.I., A. Joseph and E. Berman, Refined hierarchy of vertices in icosahedral quasicrystals 153&154 (1993) 137
Benza, V.G., see Sire, C. 153&154 (1993) 420
Berger, C., see Klein, T. 153&154 (1993) 312
Berger, C., see Lanco, P. 153&154 (1993) 325
Berman, E., see Ben-Abraham, S.I. 153&154 (1993) 137
Bokhonov, B., I. Konstanchuk, V. Boldyrev and E. Ivanov, HRTEM study of milling induced phase transition and quasicrystalline formation in $Mg_{32}(Al, Zn)_{49}$ cubic Frank–Kasper phase 153&154 (1993) 606
Boldyrev, V., see Bokhonov, B. 153&154 (1993) 606
Borsa, F., see Shastri, A. 153&154 (1993) 347
Boudard, M., M. de Boissieu, C. Janot, G. Heger, C. Beeli, H.U. Nissen, H. Vincent, M. Audier and J.M. Dubois, Atomic structure of the Al–Pd–Mn icosahedral phase 153&154 (1993) 5
Boudard, M., see de Boissieu, M. 153&154 (1993) 552
Bresson, L. and D. Gratias, Plastic deformation in AlCuFe icosahedral phase 153&154 (1993) 468
Burkov, S.E., T. Timusk and N.W. Ashcroft, Optical conductivity of icosahedral quasicrystals 153&154 (1993) 380

Cahn, J.W., see Bellissent, R. 153&154 (1993) 1
Cahn, J.W., see Cornier-Quiquandon, M. 153&154 (1993) 10
Calvayrac, Y., see Bellissent, R. 153&154 (1993) 1
Calvayrac, Y., see Cornier-Quiquandon, M. 153&154 (1993) 10
Calvayrac, Y., see Wang, K. 153&154 (1993) 357
Calvayrac, Y., see Gratias, D. 153&154 (1993) 482

0022-3093/93/$06.00 © 1993 – Elsevier Science Publishers B.V. All rights reserved

Carlsson, A.E., The icosahedral plane-wave model: band-gap creation and band-tail states 153&154 (1993) 386
Carnet, J., see Ledue, D. 153&154 (1993) 403
Carron, D., P. Chemelle, D. Michel, M.J. Hytch and R. Portier, Icosahedral related precipitation at a nanometric scale in a superferritic steel 153&154 (1993) 473
Carstanjen, H.D., see Plachke, D. 153&154 (1993) 72
Chemelle, P., see Carron, D. 153&154 (1993) 473
Chen, H.S., see Tsai, A.P. 153&154 (1993) 513
Cockayne, E., R. Phillips, X.B. Kan, S.C. Moss, J.L. Robertson, T. Ishimasa and M. Mori, Use of periodic approximants in the structure refinement of icosahedral AlCuFe 153&154 (1993) 140
Cockayne, E., see DiVincenzo, D.P. 153&154 (1993) 145
Coddens, G. and R. Bellissent, A discussion of phason hopping in icosahedral AlFeCu quasicrystals 153&154 (1993) 557
Cornier-Quiquandon, M., R. Bellissent, Y. Calvayrac, J.W. Cahn, D. Gratias and B. Mozer, Neutron scattering structural study of AlCuFe quasicrystals using double isotopic substitution 153&154 (1993) 10
Currat, R., see de Boissieu, M. 153&154 (1993) 552
Cyrot-Lackmann, F., see Lanco, P. 153&154 (1993) 325
Cyrot-Lackmann, F., see Mayou, D. 153&154 (1993) 412
Cyrot-Lackmann, F., see Klein, T. 153&154 (1993) 562

Danhkázi, Z., see Belin, E. 153&154 (1993) 298
Dankhazi, Z., see Sadoc, A. 153&154 (1993) 338
Daulton, T.L., K.F. Kelton and P.C. Gibbons, Atomic modeling of the different periodicity decagonal phases 153&154 (1993) 15
de Boissieu, M., M. Boudard, H. Moudden, M. Quilichini, R. Bellissent, B. Hennion, R. Currat, A. Goldman and C. Janot, Dynamical properties of the AlPdMn icosahedral phase 153&154 (1993) 552
de Boissieu, M., see Boudard, M. 153&154 (1993) 5
de Boissieu, M., see Audier, M. 153&154 (1993) 591
de Boissieu, M., see Menguy, N. 153&154 (1993) 620
Degand, C., K. Wang and P. Garoche, The growth of the quasicrystal T2 phase: Al_6CuLi_3 153&154 (1993) 478
Deng, W., see Liu, Y. 153&154 (1993) 408
Dénoyer, F., P. Launois, T. Motsch and M. Lambert, On the phase transition mechanism in Al–Cu–Fe: structural analysis of the modulated quasicrystalline and of the microcrystalline states 153&154 (1993) 595
Dénoyer, F., see Fettweis, M. 153&154 (1993) 24
Devaud-Rzepski, J., see Gratias, D. 153&154 (1993) 482
DiVincenzo, D.P., W. Krakow, P.A. Bancel, E. Cockayne and V. Elser, An atomic model of Al–Cu–Fe, and its comparison with high-resolution electron microscope images 153&154 (1993) 145
Dmitrienko, V.E., New approaches to the construction of quasicrystals and their cubic approximants 153&154 (1993) 150
Dubois, J.-M., S.S. Kang and Y. Massiani, Application of quasicrystalline alloys to surface coating of soft metals 153&154 (1993) 443
Dubois, J.M., see Boudard, M. 153&154 (1993) 5
Dubois, J.M., see Sadoc, A. 153&154 (1993) 83
Dujardin, J., see Ledue, D. 153&154 (1993) 403
Dunlap, R.A., see Lawther, D.W. 153&154 (1993) 45
Dunlap, R.A., see Lawther, D.W. 153&154 (1993) 49
Dunlap, R.A., see Lawther, D.W. 153&154 (1993) 611

Edagawa, K., M. Ichihara, K. Suzuki and S. Takeuchi, Electron diffraction studies of the decagonal phase and its crystal approximants in Al–Ni–Co alloys 153&154 (1993) 19
Edagawa, K., see Tei-Ohkawa, T. 153&154 (1993) 264
Edagawa, K., see Takeuchi, S. 153&154 (1993) 353
Elcoro, L., J.M. Perez-Mato and G. Madariaga, Systematic structure refinement of quasicrystals using symmetry-adapted parameters 153&154 (1993) 155
Elkaim, E., see Menguy, N. 153&154 (1993) 620
Elser, V., see Kan, X.B. 153&154 (1993) 33
Elser, V., see DiVincenzo, D.P. 153&154 (1993) 145
Embury, J.D., see Mukhopadhyay, N.K. 153&154 (1993) 63
Emrick, R.M., see Plachke, D. 153&154 (1993) 72

Faudot, F., see Gratias, D. 153&154 (1993) 482
Faudot, F., see Saâdi, N. 153&154 (1993) 500
Fayos, J., see Aragón, J.L. 153&154 (1993) 525
Fettweis, M., P. Launois, F. Dénoyer, R. Reich, J.M. Godard and M. Lambert, Diffraction patterns of Al–Cu–Co–(Si): microcrystalline or quasicrystalline phases? 153&154 (1993) 24
Flank, A.M., see Sadoc, A. 153&154 (1993) 338
Fourcaudot, G., see Klein, T. 153&154 (1993) 312
Fourcaudot, G., see Klein, T. 153&154 (1993) 562
Frey, F. and W. Steurer, Disorder diffuse scattering from decagonal phase alloys 153&154 (1993) 600
Fritsch, G., see Haberkern, R. 153&154 (1993) 303
Fu, X., see Liu, Y. 153&154 (1993) 408
Fuentes, R., see Wang, C. 153&154 (1993) 586
Fujiwara, A., see Tanaka, M. 153&154 (1993) 98
Fujiwara, T., Electronic structures in quasicrystals 153&154 (1993) 390

Gähler, F., Matching rules for quasicrystals: the composition–decomposition method 153&154 (1993) 160

Gähler, F., see Los, J. 153&154 (1993) 581
Garoche, P., see Wang, K. 153&154 (1993) 357
Garoche, P., see Degand, C. 153&154 (1993) 478
Gibbons, P.C. and K.F. Kelton, Arcs of diffuse scattering in icosahedral glass models 153&154 (1993) 165
Gibbons, P.C., see Daulton, T.L. 153&154 (1993) 15
Gibbons, P.C., see Libbert, J.L. 153&154 (1993) 53
Gibbons, P.C., see Long, G.J. 153&154 (1993) 58
Gibbons, P.C., see Shield, J.E. 153&154 (1993) 504
Godard, J.M., see Fettweis, M. 153&154 (1993) 24
Goldman, A., see de Boissieu, M. 153&154 (1993) 552
Goldman, A.I., see Libbert, J.L. 153&154 (1993) 53
Goldman, A.I., see Shastri, A. 153&154 (1993) 347
Goldman, A.I., see Shield, J.E. 153&154 (1993) 504
Gopal, E.S.R., see Baranidharan, S. 153&154 (1993) 640
Grandjean, F., see Long, G.J. 153&154 (1993) 58
Gratias, D., Y. Calvayrac, J. Devaud-Rzepski, F. Faudot, M. Harmelin, A. Quivy and P.A. Bancel, The phase diagram and structures of the ternary AlCuFe system in the vicinity of the icosahedral region 153&154 (1993) 482
Gratias, D., see Bellissent, R. 153&154 (1993) 1
Gratias, D., see Cornier-Quiquandon, M. 153&154 (1993) 10
Gratias, D., see Kan, X.B. 153&154 (1993) 33
Gratias, D., see Katz, A. 153&154 (1993) 187
Gratias, D., see Bresson, L. 153&154 (1993) 468
Gratias, D., see Urban, K. 153&154 (1993) 519
Grieco, J.C., see Klein, T. 153&154 (1993) 312
Grushko, B., Study of the decagonal phase stability in the Al–Cu–Co–(Si) alloy system 153&154 (1993) 489
Guyot, P., see Audier, M. 153&154 (1993) 591
Guyot, P., see Menguy, N. 153&154 (1993) 620

Haberkern, R., P. Lindqvist and G. Fritsch, Transport properties of quasicrystalline AlCuFe 153&154 (1993) 303
Harmelin, M., see Gratias, D. 153&154 (1993) 482
Harmelin, M., see Maâmar, S. 153&154 (1993) 494
Harmelin, M., see Saâdi, N. 153&154 (1993) 500
Hashimoto, T., see Takeuchi, S. 153&154 (1993) 353
Heger, G., see Boudard, M. 153&154 (1993) 5
Heger, G., see Quilichini, M. 153&154 (1993) 568
Henley, C.L., Current models of decagonal atomic structure 153&154 (1993) 172
Henley, C.L., see Newman, M.E.J. 153&154 (1993) 205
Henley, C.L., see Oxborrow, M. 153&154 (1993) 210
Hennion, B., see de Boissieu, M. 153&154 (1993) 552
Hennion, B., see Quilichini, M. 153&154 (1993) 568
Hiraga, K., Structure of Al–Pd–Mn decagonal quasicrystal studied by high-resolution electron microscopy 153&154 (1993) 28
Hoffmann, S., see Kupke, T. 153&154 (1993) 196
Homes, C.C., see Sahnoune, A. 153&154 (1993) 343
Hori, A., K. Kimura, T. Tada, M. Takeda, and H. Yamashita, Optical properties of quasicrystalline approximant boron-rich solids 153&154 (1993) 308
Hori, A., see Kimura, K. 153&154 (1993) 398
Hytch, M.J., see Carron, D. 153&154 (1993) 473

Ichihara, M., see Edagawa, K. 153&154 (1993) 19
Ingalls, R., Octagonal quasicrystal tilings 153&154 (1993) 177
Ino, H., see Kimura, K. 153&154 (1993) 398
Ino, H., see Waseda, A. 153&154 (1993) 635
Inoue, A., see Tanaka, M. 153&154 (1993) 98
Inoue, A., see Tsai, A.P. 153&154 (1993) 513
Ishii, Y., Structural transformation and phason dynamics in quasicrystals 153&154 (1993) 645
Ishimasa, T., see Kan, X.B. 153&154 (1993) 33
Ishimasa, T., see Cockayne, E. 153&154 (1993) 140
Ivanov, E., see Bokhonov, B. 153&154 (1993) 606

Janot, C., see Boudard, M. 153&154 (1993) 5
Janot, C., see de Boissieu, M. 153&154 (1993) 552
Janssen, T., see Wijnands, F. 153&154 (1993) 288
Janssen, T., see Los, J. 153&154 (1993) 581
Jarić, M.V. and S.-Y. Qiu, Reconstructing the structure factors of the Ammann tilings 153&154 (1993) 181
Jarić, M.V., see Qiu, S.-Y. 153&154 (1993) 221
Jarić, M.V., see Sørensen, E.S. 153&154 (1993) 425
Jiménez, I., see Torres, M. 153&154 (1993) 268
Joseph, A., see Ben-Abraham, S.I. 153&154 (1993) 137
Joseph, D., M. Baake and P. Kraumer, Electronic states of the continuous Schrödiner equation for the Fibonacci chain 153&154 (1993) 394
Joseph, D., see Baake, M. 153&154 (1993) 578
Joseph, D., see Kramer, P. 153&154 (1993) 650

Kan, X.B., J.L. Robertson, S.C. Moss, J. Kulik, T. Ishimasa, M. Mori, A. Quivy, D. Gratias, V. Elser and P. Zschack, Crystallographic characterization of a single quasicrystal of Al–Cu–Fe 153&154 (1993) 33
Kan, X.B., see Cockayne, E. 153&154 (1993) 140
Kang, S.S., see Dubois, J.-M. 153&154 (1993) 443
Katz, A. and D. Gratias, A geometric approach to chemical ordering in icosahedral structures 153&154 (1993) 187
Kek, S., see Lück, R. 153&154 (1993) 329
Kelton, K.F., see Daulton, T.L. 153&154 (1993) 15
Kelton, K.F., see Libbert, J.L. 153&154 (1993) 53
Kelton, K.F., see Long, G.J. 153&154 (1993) 58
Kelton, K.F., see Gibbons, P.C. 153&154 (1993) 165
Kelton, K.F., see Shield, J.E. 153&154 (1993) 504
Kelton, K.F., see Zhang, X. 153&154 (1993) 114
Kimura, K., A. Hori, M. Takeda, H. Yamashita and H. Ino, Possibility of semiconducting quasicrystal in boron-rich solids 153&154 (1993) 398

Kimura, K., see Hori, A. 153&154 (1993) 308
Kimura, K., see Takeuchi, S. 153&154 (1993) 353
Kimura, K., see Waseda, A. 153&154 (1993) 635
Klein, T., C. Berger, G. Fourcaudot, J.C. Grieco and J.C. Lasjaunias, Transport and thermodynamic properties near a metal–insulator transition in AlCuFe icosahedral phases 153&154 (1993) 312
Klein, T., G. Pares, J.-B. Suck, G. Fourcaudot and F. Cyrot-Lackmann, Atomic dynamics of icosahedral $Al_{62}Cu_{25.5}Fe_{12.5}$ and tetragonal $Al_{70}Cu_{20}Fe_{10}$: A comparative study using inelastic neutron scattering 153&154 (1993) 562
Klein, T., see Mayou, D. 153&154 (1993) 412
Kleman, M., see Radulescu, O. 153&154 (1993) 227
Kléman, M., see Yu, D.P. 153&154 (1993) 453
Konstanchuk, I., see Bokhonov, B. 153&154 (1993) 606
Köster, U., W. Liu, H. Liebertz and M. Michel, Mechanical properties of quasicrystalline and crystalline phases in Al–Cu–Fe alloys 153&154 (1993) 446
Köster, U., see Liu, W. 153&154 (1993) 615
Krakow, W., see DiVincenzo, D.P. 153&154 (1993) 145
Kramer, P., M. Baake and D. Joseph, Schur rotations, transitions between quasiperiodic and periodic phases, and rational approximants 153&154 (1993) 650
Kramer, P., see Ben-Abraham, S.I. 153&154 (1993) 132
Kramer, P., see Papadopolos, Z. 153&154 (1993) 215
Kraumer, P., see Joseph, D. 153&154 (1993) 394
Kronmüller, H., see Reisser, R. 153&154 (1993) 317
Kulik, J., see Kan, X.B. 153&154 (1993) 33
Kuo, K.H., Decagonal approximants 153&154 (1993) 40
Kuo, K.H., see Wang, R. 153&154 (1993) 103
Kuo, K.H., see Zhang, D.-l. 153&154 (1993) 366
Kupke, T., H.-R. Trebin and S. Hoffmann, Planes and rows in quasilattices 153&154 (1993) 196
Kupke, T., see Plachke, D. 153&154 (1993) 72

Lakner, H., see Wollgarten, M. 153&154 (1993) 108
Lalla, N.P., see Tiwari, R.S. 153&154 (1993) 508
Lambert, M., see Fettweis, M. 153&154 (1993) 24
Lambert, M., see Dénoyer, F. 153&154 (1993) 595
Lanco, P., C. Berger, F. Cyrot-Lackmann and A. Sulpice, Very high resistivity associated with diamagnetism in the stable AlPdMn quasicrystal 153&154 (1993) 325
Lasjaunias, J.C., see Klein, T. 153&154 (1993) 312
Launois, P., see Fettweis, M. 153&154 (1993) 24
Launois, P., see Dénoyer, F. 153&154 (1993) 595
Lauriat, J.P., see Menguy, N. 153&154 (1993) 620
Lawther, D.W. and R.A. Dunlap, Mössbauer effect studies of local Fe environments in crystalline and quasicrystalline Al–Cu–Fe alloys 153&154 (1993) 45
Lawther, D.W. and R.A. Dunlap, Mössbauer effect study of the stable $Al_{75}Pd_{15}Fe_{10}$ decagonal quasicrystal 153&154 (1993) 49
Lawther, D.W. and R.A. Dunlap, Positron annihilation study of $Al_{63}Cu_{25}Fe_{12}$ as a function of thermal treatment 153&154 (1993) 611
Ledue, D., J. Teillet, J. Carnet and J. Dujardin, Frustrated classical *XY* spin systems in the two-dimensional Penrose tiling 153&154 (1993) 403
Legendre, B., see Saâdi, N. 153&154 (1993) 500
Le Lann, A. and C.B. Shoemaker, Three-dimensional model of structural transformation from icosahedral to hexagonal structure (μAl_4Mn) 153&154 (1993) 654
Libbert, J.L., K.F. Kelton, P.C. Gibbons and A.I. Goldman, Large unit cell crystal approximant in Ti–Cr–Si alloys 153&154 (1993) 53
Liebertz, H., see Köster, U. 153&154 (1993) 446
Lindqvist, P., see Haberkern, R. 153&154 (1993) 303
Liu, W. and U. Köster, Continuous transformation of Al–Cu–Fe quasicrystals by structural modulations 153&154 (1993) 615
Liu, W., see Köster, U. 153&154 (1993) 446
Liu, Y., X. Fu, W. Deng and S. Wang, Gap-labeling properties of the energy spectrum for Fibonacci quasilattices 153&154 (1993) 408
Lloyd, D.J., see Mukhopadhyay, N.K. 153&154 (1993) 63
Long, G.J., F. Grandjean, X. Zhang, P.C. Gibbons and K.F. Kelton, A Mössbauer effect study of the icosahedrally coordinated Ti–Mn–Fe–Si phases 153&154 (1993) 58
Los, J., T. Janssen and F. Gähler, Lattice dynamics of 3-dimensional tilings modelling icosahedral quasicrystals 153&154 (1993) 581
Lu, L., see Wang, Y.-p. 153&154 (1993) 361
Lu, L., see Zhang, D.-l. 153&154 (1993) 366
Lück, R. and S. Kek, Magnetothermal analysis of the decagonal phases $Al_{65}Cu_{20}Co_{15}$ and $Al_{70}Ni_{15}Co_{15}$ 153&154 (1993) 329

Ma, X.L., see Zhang, D.-l. 153&154 (1993) 366
Maâmar, S. and M. Harmelin, Analysis of factors responsible for the formation of quasicrystalline phases in the Al–Cu–Mn system 153&154 (1993) 494
Madariaga, G., see Elcoro, L. 153&154 (1993) 155
Manh, D.N., see Trambly de Laissardière, G. 153&154 (1993) 430
Massiani, Y., see Dubois, J.-M. 153&154 (1993) 443
Masumoto, T., see Tanaka, M. 153&154 (1993) 98
Masumoto, T., see Tsai, A.P. 153&154 (1993) 513
Mayou, D., F. Cyrot-Lackmann, G. Trambly de Laissardière and T. Klein, Electronic properties and the role of d states in stable quasicrystals 153&154 (1993) 412

Mayou, D., see Trambly de Laissardière, G. 153&154 (1993) 430
McCallum, R.W., see Shield, J.E. 153&154 (1993) 504
Menguy, N., M. de Boissieu, P. Guyot, M. Audier, E. Elkaim and J.P. Lauriat, Modulated icosahedral Al–Fe–Cu phase: a single-crystal X-ray diffraction study 153&154 (1993) 620
Menguy, N., see Audier, M. 153&154 (1993) 591
Michel, D., see Carron, D. 153&154 (1993) 473
Michel, M., see Köster, U. 153&154 (1993) 446
Mikulla, R., see Trebin, H.-R. 153&154 (1993) 272
Mori, M., see Kan, X.B. 153&154 (1993) 33
Mori, M., see Cockayne, E. 153&154 (1993) 140
Moss, S.C., see Kan, X.B. 153&154 (1993) 33
Moss, S.C., see Robertson, J.L. 153&154 (1993) 77
Moss, S.C., see Cockayne, E. 153&154 (1993) 140
Mosseri, R., F. Bailly and C. Sire, Configurational entropy in random tiling models 153&154 (1993) 201
Mosseri, R., Phason-assisted transition from quasicrystal to multiply twinned crystals 153&154 (1993) 658
Mosseri, R., see Sadoc, J.F. 153&154 (1993) 247
Motsch, T., see Dénoyer, F. 153&154 (1993) 595
Moudden, H., see de Boissieu, M. 153&154 (1993) 552
Mozer, B., see Bellissent, R. 153&154 (1993) 1
Mozer, B., see Cornier-Quiquandon, M. 153&154 (1993) 10
Mukhopadhyay, N.K., G.C. Weatherly, D.J. Lloyd and J.D. Embury, Diffraction studies of icosahedral phases in the Al–Fe–W system 153&154 (1993) 63

Naito, N., see Takeuchi, S. 153&154 (1993) 353
Navarro, O., see Wang, C. 153&154 (1993) 586
Newman, M.E.J. and C.L. Henley, Transfer-matrix analysis of the canonical-cell model of a quasicrystal 153&154 (1993) 205
Nissen, H.-U. and C. Beeli, Electron microscopy of near-icosahedral stable Al–Cu–Li quasicrystals 153&154 (1993) 68
Nissen, H.-U., see Beeli, C. 153&154 (1993) 463
Nissen, H.U., see Boudard, M. 153&154 (1993) 5

Oxborrow, M. and C.L. Henley, Random square–triangle tilings 153&154 (1993) 210

Papadopolos, Z., P. Kramer and D. Zeidler, The F-type icosahedral phase: tilings and vertex models 153&154 (1993) 215
Pares, G., see Klein, T. 153&154 (1993) 562
Passaro, B., see Sire, C. 153&154 (1993) 420
Pastor, G., see Romeu, D. 153&154 (1993) 237
Pastor, G., see Torres, M. 153&154 (1993) 268
Perez-Mato, J.M., see Elcoro, L. 153&154 (1993) 155
Phillips, J.C., see Rabe, K.M. 153&154 (1993) 530
Phillips, R. and M. Widom, Total energies of decagonal models for quasicrystals 153&154 (1993) 416
Phillips, R., see Cockayne, E. 153&154 (1993) 140
Phillips, R., see Widom, M. 153&154 (1993) 282
Plachke, D., T. Kupke, H.D. Carstanjen and R.M. Emrick, Investigation of the structure of T-phase $Al_{62}Cu_{20}Co_{15}Si_3$ by fast ion channeling 153&154 (1993) 72
Poon, S.J., Electronic properties of semimetallic quasicrystals 153&154 (1993) 334
Portier, R., see Carron, D. 153&154 (1993) 473

Qiu, S.-Y. and M.V. Jarić, On the reconstruction of i(Al–Cu–Li) X-ray structure factors 153&154 (1993) 221
Qiu, S.-Y., see Jarić, M.V. 153&154 (1993) 181
Quilichini, M., B. Hennion and G. Heger, Inelastic neutron scattering study of icosahedral AlFeCu quasicrystal 153&154 (1993) 568
Quilichini, M., see de Boissieu, M. 153&154 (1993) 552
Quivy, A., see Kan, X.B. 153&154 (1993) 33
Quivy, A., see Gratias, D. 153&154 (1993) 482

Rabe, K.M., J.C. Phillips and P. Villars, Quantum diagrams, structural models and the prediction of new quasicrystals 153&154 (1993) 530
Radulescu, O. and M. Kleman, A visibility threshold for rational approximants 153&154 (1993) 227
Ranganathan, S., see Singh, A. 153&154 (1993) 86
Reich, R., see Fettweis, M. 153&154 (1993) 24
Reisser, R. and H. Kronmüller, Magnetic properties of decagonal AlCuGeMn quasicrystals 153&154 (1993) 317
Rivier, N., Non-stick quasicrystalline coatings 153&154 (1993) 458
Robertson, J.L. and S.C. Moss, Diffuse scattering in icoshedral phase AlMnSi 153&154 (1993) 77
Robertson, J.L., see Kan, X.B. 153&154 (1993) 33
Robertson, J.L., see Cockayne, E. 153&154 (1993) 140
Romeu, D., Decagonal phase model with multiple periods and quasiperiodic coincidence lattice 153&154 (1993) 232
Romeu, D., J.L. Aragón, G. Pastor and M. Torres, Three-dimensional decagonal structure for AlCoCu alloys as random coincidence networks with Fibonacci spaced lines 153&154 (1993) 237
Romeu, D., see Torres, M. 153&154 (1993) 268
Romeu, D., see Aragón, J.L. 153&154 (1993) 525
Roth, J., J. Stadler, R. Schilling and H.-R. Trebin, Molecular dynamics studies of 3D quasicrystals 153&154 (1993) 536
Roth, J., see Trebin, H.-R. 153&154 (1993) 272
Roth, J., see Baake, M. 153&154 (1993) 578
Ryba, E., S. Song and L. Wang, Structural variation in the phase $Al_{65}Cu_{20}Co_{15}$ during the transition from the crystalline to the quasicrystalline state 153&154 (1993) 623

Ryder, P.L. and U. Vogg, General algorithms for the strip projection method 153&154 (1993) 243
Ryder, P.L. and H. Selke, Decomposition of the icosahedral phase in $Al_{85-x}Cu_xCr_{15}$ 153&154 (1993) 630

Saâdi, N., M. Harmelin, F. Faudot and B. Legendre, Enthalpy of formation of the $Al_{0.63}Cu_{0.25}Fe_{0.12}$ icosahedral phase 153&154 (1993) 500
Sadoc, A. and J.M. Dubois, On the local structure in icosahedral AlPdMn quasicrystals 153&154 (1993) 83
Sadoc, A., E. Belin, Z. Dankhazi and A.M. Flank, Evidence of a wide pseudo-gap in AlCuFe icosahedral alloys 153&154 (1993) 338
Sadoc, J.F. and R. Mosseri, The E8 lattice and quasicrystals 153&154 (1993) 247
Sahnoune, A., J.O. Ström-Olsen, Z. Altounian, C.C. Homes, T. Timusk and X. Wu, Electronic properties of icosahedral $Al_{63.5}Cu_{24.5}Fe_{12}$ 153&154 (1993) 343
Sasisekharan, V., see Baranidharan, S. 153&154 (1993) 640
Scheidt, C., see Wang, K. 153&154 (1993) 357
Schilling, R., see Roth, J. 153&154 (1993) 536
Schlottmann, M., see Ben-Abraham, S.I. 153&154 (1993) 132
Schlottmann, M., see Baake, M. 153&154 (1993) 578
Selke, H., see Ryder, P.L. 153&154 (1993) 630
Shastri, A., F. Borsa, A.I. Goldman, J.E. Shield and D.R. Torgeson, NMR study of the electronic properties of Al–Cu–Fe and Al–Cu–Ru quasicrystals 153&154 (1993) 347
Shibuya, T., see Takeuchi, S. 153&154 (1993) 353
Shield, J.E., R.W. McCallum, A.I. Goldman, P.C. Gibbons and K.F. Kelton, Phase stabilities in the Al–Cu–Ru system 153&154 (1993) 504
Shield, J.E., see Shastri, A. 153&154 (1993) 347
Shin, M. and K.J. Strandburg, Random tiling approach to the structure of decagonal quasicrystals 153&154 (1993) 253
Shoemaker, C.B., see Le Lann, A. 153&154 (1993) 654
Singh, A. and S. Ranganathan, Quasicrystalline and crystalline phases and their twins in rapidly solidified Al–Mn–Fe alloys 153&154 (1993) 86
Sire, C., B. Passaro and V.G. Benza, Electronic properties of 2D quasicrystals: level spacing distribution and diffusion 153&154 (1993) 420
Sire, C., Electronic stability of quasicrystals: application to flux phases 153&154 (1993) 541
Sire, C., see Mosseri, R. 153&154 (1993) 201
Smith, A.P., The sphere packing problem in quasicrystals 153&154 (1993) 258
Song, S., see Ryba, E. 153&154 (1993) 623
Sørensen, E.S. and M.V. Jarić, Magnetic properties of static and phason-disordered Penrose lattices 153&154 (1993) 425
Srivastava, O.N., see Tiwari, R.S. 153&154 (1993) 508
Stadler, J., see Roth, J. 153&154 (1993) 536
Staiger, W., see Yu, D.P. 153&154 (1993) 453
Steurer, W., Comparative structure analysis of several decagonal phases 153&154 (1993) 92
Steurer, W., see Frey, F. 153&154 (1993) 600
Strandburg, K.J., see Shin, M. 153&154 (1993) 253
Ström-Olsen, J.O., see Sahnoune, A. 153&154 (1993) 343
Suck, J.-B., Generalized vibrational density of states of icosahedral $Al_{71}Pd_{19}Mn_{10}$ 153&154 (1993) 573
Suck, J.-B., see Klein, T. 153&154 (1993) 562
Sulpice, A., see Lanco, P. 153&154 (1993) 325
Suzuki, K., see Edagawa, K. 153&154 (1993) 19

Tada, T., see Hori, A. 153&154 (1993) 308
Takeda, M., see Hori, A. 153&154 (1993) 308
Takeda, M., see Kimura, K. 153&154 (1993) 398
Takeuchi, S., H. Akiyama, N. Naito, T. Shibuya, T. Hashimoto, K. Edagawa and K. Kimura, Electrical resistivity of single-grained quasicrystals 153&154 (1993) 353
Takeuchi, S., see Edagawa, K. 153&154 (1993) 19
Takeuchi, S., see Tei-Ohkawa, T. 153&154 (1993) 264
Tamura, N. and J.-L. Verger-Gaugry, Classification, based on energetics, of ideal icosahedral clusters, and building blocks of icosahedral quasicrystals and approximant crystals 153&154 (1993) 546
Tamura, N., see Barbier, J.-N. 153&154 (1993) 126
Tanaka, M., K. Tsuda, M. Terauchi, A. Fujiwara, A.P. Tsai, A. Inoue and T. Masumoto, Electron diffraction and electron microscope study on decagonal quasicrystals on Al–Ni–Fe alloys 153&154 (1993) 98
Tei-Ohkawa, T., K. Edagawa and S. Takeuchi, Structure modeling of realistic quasicrystals by use of interatomic potentials 153&154 (1993) 264
Teillet, J., see Ledue, D. 153&154 (1993) 403
Terauchi, M., see Tanaka, M. 153&154 (1993) 98
Timusk, T., see Sahnoune, A. 153&154 (1993) 343
Timusk, T., see Burkov, S.E. 153&154 (1993) 380
Tiwari, R.S., N.P. Lalla and O.N. Srivastava, TEM investigations of decagonal and related phases in $Al_{78}Mn_{20}Ge_2$ 153&154 (1993) 508
Torgeson, D.R., see Shastri, A. 153&154 (1993) 347
Torres, M., J.L. Aragón, D. Romeu, I. Jiménez, E. Velázquez and G. Pastor, Approximation to the study of quasicrystal–crystal transitions 153&154 (1993) 268

Torres, M., see Romeu, D. 153&154 (1993) 237
Torres, M., see Aragón, J.L. 153&154 (1993) 525
Trambly de Laissardière, G., D.N. Manh and D. Mayou, Anderson model for Hume–Rothery alloys containing transition metals 153&154 (1993) 430
Trambly de Laissardière, G., see Mayou, D. 153&154 (1993) 412
Trebin, H.-R., R. Mikulla and J. Roth, Motion of dislocations in two-dimensional decagonal quasicrystals 153&154 (1993) 272
Trebin, H.-R., see Kupke, T. 153&154 (1993) 196
Trebin, H.-R., see Roth, J. 153&154 (1993) 536
Tsai, A.P., H.S. Chen, A. Inoue and T. Masumoto, Interface stability, growth and morphology of quasicrystals 153&154 (1993) 513
Tsai, A.P., see Tanaka, M. 153&154 (1993) 98
Tsuda, K., see Tanaka, M. 153&154 (1993) 98

Urban, K., M. Wollgarten, D. Gratias and Z. Zhang, Electron microscopy of dislocations in quasicrystals 153&154 (1993) 519
Urban, K., see Wollgarten, M. 153&154 (1993) 108

Velázquez, E., see Torres, M. 153&154 (1993) 268
Verger-Gaugry, J.-L., Interpenetrating pseudo-icosahedral clusters model for quasicrystals and consequences: asymmetry of diffraction peaks and pseudo-inflation rules 153&154 (1993) 276
Verger-Gaugry, J.-L., see Barbier, J.-N. 153&154 (1993) 126
Verger-Gaugry, J.-L., see Tamura, N. 153&154 (1993) 546
Villars, P., see Rabe, K.M. 153&154 (1993) 530
Vincent, H., see Boudard, M. 153&154 (1993) 5
Vogg, U., see Ryder, P.L. 153&154 (1993) 243

Wang, C., R. Fuentes, O. Navarro, R.A. Barrio and R.G. Barrera, Wave behavior in anharmonic Penrose lattices 153&154 (1993) 586
Wang, C., see Barrio, R.A. 153&154 (1993) 375
Wang, K., C. Scheidt, P. Garoche and Y. Calvayrac, Specific heat measurements on single-phased AlCuFe quasicrystals 153&154 (1993) 357
Wang, K., see Degand, C. 153&154 (1993) 478
Wang, L., see Ryba, E. 153&154 (1993) 623
Wang, R., Y.F. Yan and K.H. Kuo, High-temperature deformation-induced defects and Burgers vector determination of dislocations in the $Al_{70}Co_{15}Ni_{15}$ decagonal quasicrystal 153&154 (1993) 103
Wang, S., see Liu, Y. 153&154 (1993) 408
Wang, Y.-p., L. Lu and D.-L. Zhang, Anisotropic Hall coefficients of $Al_{65}Ni_{20}Co_{15}$ 2D single quasicrystals 153&154 (1993) 361
Wang, Y.-p., see Zhang, D.-l. 153&154 (1993) 366
Waseda, A., K. Araki, K. Kimura and H. Ino, Quasicrystals and approximants in the Al–Cu–(Fe, Ru) and Al–Pd–Mn systems 153&154 (1993) 635
Weatherly, G.C., see Mukhopadhyay, N.K. 153&154 (1993) 63
Widom, M. and R. Phillips, Atomic model of decagonal quasicrystal approximants and phasons 153&154 (1993) 282
Widom, M., see Phillips, R. 153&154 (1993) 416
Wijnands, F. and T. Janssen, Point groups for quasiperiodic structures: arithmetically non-equivalent choices for the internal space 153&154 (1993) 288
Williams, D.B., see Zhuang, Y. 153&154 (1993) 119
Wollgarten, M., H. Lakner and K. Urban, A novel planar defect in icosahedral AlPdMn quasicrystals 153&154 (1993) 108
Wollgarten, M., see Urban, K. 153&154 (1993) 519
Wolny, J., Why do quasicrystals have sharp diffraction peaks? 153&154 (1993) 293
Wu, X., see Sahnoune, A. 153&154 (1993) 343

Yamashita, H., see Hori, A. 153&154 (1993) 308
Yamashita, H., see Kimura, K. 153&154 (1993) 398
Yan, J.R., see You, J.Q. 153&154 (1993) 434
Yan, J.R., see Zhong, J.X. 153&154 (1993) 439
Yan, Y.F., see Wang, R. 153&154 (1993) 103
Ying, F., see Zhang, D.-l. 153&154 (1993) 366
You, J.Q., J.R. Yan and J.X. Zhong, Renormalization group for Penrose tilings 153&154 (1993) 434
You, J.Q., see Zhong, J.X. 153&154 (1993) 439
Yu, D.P., W. Staiger and M. Kléman, Transmission electron microscopy study of defects in Al–Li–Cu quasicrystals 153&154 (1993) 453

Zeidler, D., see Papadopolos, Z. 153&154 (1993) 215
Zhang, D.-l., Y.-p. Wang, L. Lu, F. Ying, X.L. Ma and K.H. Kuo, Flicker noise in $Al_{65}Ni_{20}Co_{15}$ 2D quasicrystals 153&154 (1993) 366
Zhang, D.-L., see Wang, Y.-p. 153&154 (1993) 361
Zhang, X. and K.F. Kelton, High-order crystal approximant structures in Ti–Zr–Ni alloys 153&154 (1993) 114
Zhang, X., see Long, G.J. 153&154 (1993) 58
Zhang, Z., see Zhuang, Y. 153&154 (1993) 119
Zhang, Z., see Urban, K. 153&154 (1993) 519
Zhong, J.X., J.R. Yan and J.Q. You, Exact Green's functions of generalized Fibonacci lattices 153&154 (1993) 439
Zhong, J.X., see You, J.Q. 153&154 (1993) 434
Zhuang, Y., Z. Zhang and D.B. Williams, A transmission electron microscopy study of interphase dislocations between decagonal quasicrystalline and crystalline phases in $Al_{75}Ni_{10}Fe_{15}$ alloy 153&154 (1993) 119
Zschack, P., see Kan, X.B. 153&154 (1993) 33

Journal of Non-Crystalline Solids 153&154 (1993) 670–674
North-Holland

JOURNAL OF
NON-CRYSTALLINE SOLIDS

Subject index

Anomalous X-ray Scattering
Electronic Structure, Fermi Level 153&154 (1993) 338

Applications
Quasicrystals, Mechanical Properties 153&154 (1993) 443

Calorimetry
Quasicrystals, Structure 153&154 (1993) 187
Quasicrystals, Thermodynamics 153&154 (1993) 500

Chemical Short-Range Order
Quasicrystals, Electron Microscopy 153&154 (1993) 68

Clusters
Quasicrystals, Microstructure 153&154 (1993) 172
Quasicrystals, Stability 153&154 (1993) 546
Quasicrystals, Structure 153&154 (1993) 232
Quasicrystals, Structure 153&154 (1993) 237
Quasicrystals, Structure 153&154 (1993) 276
Quasicrystals, Structure 153&154 (1993) 525

Coatings
Quasicrystals, Mechanical Properties 153&154 (1993) 458

Crystal to Amourphous Phase Transformation
Quasicrystals, Point Groups, Structure 153&154 (1993) 288
Quasicrystals, Structure, Point Groups 153&154 (1993) 611

Crystallization
Quasicrystals, Phase Transition 153&154 (1993) 630

Defects
Electron Microscopy, Quasicrystals 153&154 (1993) 453
Quasicrystals, Electron Microscopy 153&154 (1993) 108
Quasicrystals, Electron Microscopy 153&154 (1993) 119
Quasicrystals, Electron Microscopy 153&154 (1993) 519
Quasicrystals, Structure 153&154 (1993) 77
Quasicrystals, Structure 153&154 (1993) 132
Quasicrystals, Structure 153&154 (1993) 165

Density of States
Quasicrystals, Dynamical Properties 153&154 (1993) 568
Quasicrystals, Electronic Structure 153&154 (1993) 386
Quasicrystals, Electronic Structure 153&154 (1993) 390
Quasicrystals, Electronic Structure 153&154 (1993) 430
Quasicrystals, Electronic Structure 153&154 (1993) 439
Quasicrystals, Lattice Dynamics 153&154 (1993) 562
Quasicrystals, Lattice Dynamics 153&154 (1993) 573

Differential Scanning Calorimetry
Quasicrystals, Electron Microscopy 153&154 (1993) 494

Differential Thermal Analysis
Quasicrystals, Stability 153&154 (1993) 504

Dynamical Properties
Quasicrystals, Density of States 153&154 (1993) 568
Quasicrystals, Lattice Dynamics 153&154 (1993) 581
Quasicrystals, Phonons 153&154 (1993) 552
Quasicrystals, Two-Level system 153&154 (1993) 557

Dynamical Structure
Quasicrystals, Phase Transition 153&154 (1993) 645

Elastic Properties
Quasicrystals, Hall Coefficient 153&154 (1993) 361

Electrical Properties
Quasicrystals, Localization 153&154 (1993) 343
Quasicrystals, Localization 153&154 (1993) 353
Quasicrystals, Magnetic Properties 153&154 (1993) 303
Quasicrystals, Magnetic Properties 153&154 (1993) 325
Quasicrystals, Metal–Non-metal Transition 153&154 (1993) 334
Quasicrystals, Noise 153&154 (1993) 366
Quasicrystals, Stability 153&154 (1993) 412
Quasicrystals, Thermodynamics 153&154 (1993) 312

Electron Microscopy
Defects, Quasicrystals 153&154 (1993) 453
Quasicrystals, Chemical Short-Range Order 153&154 (1993) 68
Quasicrystals, Defects 153&154 (1993) 108
Quasicrystals, Defects 153&154 (1993) 119
Quasicrystals, Defects 153&154 (1993) 519
Quasicrystals, Differential Scanning Calorimetry 153&154 (1993) 494
Quasicrystals, Growth Kinetics 153&154 (1993) 463
Quasicrystals, Mechanical Properties 153&154 (1993) 103
Quasicrystals, Microstructure 153&154 (1993) 86
Quasicrystals, Microstructure 153&154 (1993) 473
Quasicrystals, Microstructure 153&154 (1993) 508
Quasicrystals, Phase Transition 153&154 (1993) 591
Quasicrystals, Phase Transition 153&154 (1993) 606
Quasicrystals, Phase Transition 153&154 (1993) 615
Quasicrystals, Phase Transition 153&154 (1993) 623
Quasicrystals, Stability 153&154 (1993) 635
Quasicrystals, Structure 153&154 (1993) 19

0022-3093/93/$06.00 © 1993 – Elsevier Science Publishers B.V. All rights reserved

Quasicrystals, Structure 153&154 (1993) 28
Quasicrystals, Structure 153&154 (1993) 114
Quasicrystals, Structure 153&154 (1993) 63
Quasicrystals, Structure 153&154 (1993) 98
Quasicrystals, Structure 153&154 (1993) 145

Electronic Conductivity
Quasicrystals, Monte Carlo Simulations 153&154 (1993) 370

Electronic Structure
Anomalous X-ray Scattering, Fermi Level 153&154 (1993) 338
Quasicrystals, Density of States 153&154 (1993) 386
Quasicrystals, Density of States 153&154 (1993) 390
Quasicrystals, Density of States 153&154 (1993) 430
Quasicrystals, Density of States 153&154 (1993) 439
Quasicrystals, Hopping 153&154 (1993) 420
Quasicrystals, Magnetic Properties 153&154 (1993) 329
Quasicrystals, Modelling 153&154 (1993) 394
Quasicrystals, Modelling 153&154 (1993) 408
Quasicrystals, Modelling 153&154 (1993) 586
Quasicrystals, Optical Properties 153&154 (1993) 308
Quasicrystals, Optical Properties 153&154 (1993) 380
Quasicrystals, Specific Heat 153&154 (1993) 357
Quasicrystals, Stability 153&154 (1993) 541
Quasicrystals, Structure 153&154 (1993) 375
Quasicrystals 153&154 (1993) 434
Quasicrystals, XPS 153&154 (1993) 298

Entropy
Quasicrystals, Structure 153&154 (1993) 201
Quasicrystals, Structure 153&154 (1993) 205
Quasicrystals, Structure 153&154 (1993) 253

EXAFS
Quasicrystals, Structure 153&154 (1993) 83

Fermi Level
Anomalous X-ray Scattering, Electronic Structure 153&154 (1993) 338

Forming
Quasicrystals, Stability 153&154 (1993) 530

Growth Kinetics
Quasicrystals, Electron Microscopy 153&154 (1993) 463
Quasicrystals, Interfaces 153&154 (1993) 513
Quasicrystals, Microstructure 153&154 (1993) 478

Hall Coefficient
Quasicrystals, Elastic Properties 153&154 (1993) 361

Hardness
Quasicrystals, Mechanical Properties 153&154 (1993) 446

Hopping
Quasicrystals, Electronic Structure 153&154 (1993) 420

Interfaces
Quasicrystals, Growth Kinetics 153&154 (1993) 513

Lattice Dynamics
Quasicrystals, Density of States 153&154 (1993) 562
Quasicrystals, Density of States 153&154 (1993) 573
Quasicrystals, Dynamical Properties 153&154 (1993) 581

Localization
Quasicrystals, Electrical Properties 153&154 (1993) 343
Quasicrystals, Electrical Properties 153&154 (1993) 353

Magnetic Properties
Quasicrystals, Electrical Properties 153&154 (1993) 303
Quasicrystals, Electrical Properties 153&154 (1993) 325
Quasicrystals, Electronic Structure 153&154 (1993) 329
Quasicrystals, Monte Carlo Simulations 153&154 (1993) 425
Quasicrystals, Phase Transition 153&154 (1993) 317
Quasicrystals, Phase Transition 153&154 (1993) 403

Mechanical Properties
Quasicrystals, Applications 153&154 (1993) 443
Quasicrystals, Coatings 153&154 (1993) 458
Quasicrystals, Electron Microscopy 153&154 (1993) 103
Quasicrystals, Hardness 153&154 (1993) 446
Quasicrystals, Modelling 153&154 (1993) 272
Quasicrystals, Plasticity 153&154 (1993) 468

Metal–Non-metal Transition
Quasicrystals, Electrical Properties 153&154 (1993) 334

Microstructure
Quasicrystals, Clusters 153&154 (1993) 172
Quasicrystals, Electron Microscopy 153&154 (1993) 86
Quasicrystals, Electron Microscopy 153&154 (1993) 473
Quasicrystals, Electron Microscopy 153&154 (1993) 508
Quasicrystals, Growth Kinetics 153&154 (1993) 478

Modelling
Quasicrystals, Electronic Structure 153&154 (1993) 394
Quasicrystals, Electronic Structure 153&154 (1993) 408
Quasicrystals, Electronic Structure 153&154 (1993) 586
Quasicrystals, Mechanical Properties 153&154 (1993) 272
Quasicrystals, Phase Transition 153&154 (1993) 640
Quasicrystals, Phase Transition 153&154 (1993) 650
Quasicrystals, Specific Heat 153&154 (1993) 578
Quasicrystals, Structure 153&154 (1993) 15
Quasicrystals, Structure 153&154 (1993) 40
Quasicrystals, Structure 153&154 (1993) 123
Quasicrystals, Structure 153&154 (1993) 126
Quasicrystals, Structure 153&154 (1993) 137
Quasicrystals, Structure 153&154 (1993) 140
Quasicrystals, Structure 153&154 (1993) 150
Quasicrystals, Structure 153&154 (1993) 155
Quasicrystals, Structure 153&154 (1993) 160
Quasicrystals, Structure 153&154 (1993) 177
Quasicrystals, Structure 153&154 (1993) 181

Quasicrystals, Structure 153&154 (1993) 196
Quasicrystals, Structure 153&154 (1993) 215
Quasicrystals, Structure 153&154 (1993) 221
Quasicrystals, Structure 153&154 (1993) 243
Quasicrystals, Structure 153&154 (1993) 247
Quasicrystals, Structure 153&154 (1993) 258
Quasicrystals, Structure 153&154 (1993) 264
Quasicrystals, Structure 153&154 (1993) 282
Quasicrystals, Structure 153&154 (1993) 658
Quasicrystals, X-ray Diffraction 153&154 (1993) 293

Molecular Dynamics
Quasicrystals, Stability 153&154 (1993) 536

Monte Carlo Simulations
Quasicrystals, Electronic Conductivity 153&154 (1993) 370
Quasicrystals, Magnetic Properties 153&154 (1993) 425
Quasicrystals, Structure 153&154 (1993) 210

Mössbauer Effect
Quasicrystals, Structure 153&154 (1993) 58
Quasicrystals, Structure 153&154 (1993) 45
Quasicrystals, X-ray Diffraction 153&154 (1993) 49

Neutron Diffraction
Quasicrystals, Structure 153&154 (1993) 1
Quasicrystals, Structure 153&154 (1993) 10
Quasicrystals, Structure 153&154 (1993) 398

Noise
Quasicrystals, Electrical Properties 153&154 (1993) 366

Nuclear Magnetic Resonance
Relaxation 153&154 (1993) 347

Optical Properties
Quasicrystals, Electronic Structure 153&154 (1993) 308
Quasicrystals, Electronic Structure 153&154 (1993) 380

Phase Transition
Quasicrystals, Crystallization 153&154 (1993) 630
Quasicrystals, Dynamical Structure 153&154 (1993) 645
Quasicrystals, Electron Microscopy 153&154 (1993) 591
Quasicrystals, Electron Microscopy 153&154 (1993) 606
Quasicrystals, Electron Microscopy 153&154 (1993) 615
Quasicrystals, Electron Microscopy 153&154 (1993) 623
Quasicrystals, Magnetic Properties 153&154 (1993) 317
Quasicrystals, Magnetic Properties 153&154 (1993) 403
Quasicrystals, Modelling 153&154 (1993) 640
Quasicrystals, Modelling 153&154 (1993) 650
Quasicrystals, Structure 153&154 (1993) 654
Quasicrystals, X-ray Diffraction 153&154 (1993) 595

Phonons
Quasicrystals, Dynamical Properties 153&154 (1993) 552

Plasticity
Quasicrystals, Mechanical Properties 153&154 (1993) 468

Point Groups
Quasicrystals, Structure, Crystal to Amourphous Phase Transformation 153&154 (1993) 288
Quasicrystals, Structure, Crystal to Amourphous Phase Transformation 153&154 (1993) 611

Pseudopotential Approach
Quasicrystals, Structure 153&154 (1993) 416

Quasicrystals
Clusters, Stability 153&154 (1993) 546
Clusters, Structure 153&154 (1993) 232
Clusters, Structure 153&154 (1993) 237
Clusters, Structure 153&154 (1993) 276
Clusters, Structure 153&154 (1993) 525
Differential Scanning Calorimetry, Electron Microscopy 153&154 (1993) 494
Dynamical Properties, Density of States 153&154 (1993) 568
Dynamical Properties, Lattice Dynamics 153&154 (1993) 581
Dynamical Properties, Phonons 153&154 (1993) 552
Dynamical Properties, Two-Level system 153&154 (1993) 557
Electrical Properties, Localization 153&154 (1993) 343
Electrical Properties, Localization 153&154 (1993) 353
Electrical Properties, Magnetic Properties 153&154 (1993) 303
Electrical Properties, Magnetic Properties 153&154 (1993) 325
Electrical Properties, Metal–Non-metal Transition 153&154 (1993) 334
Electrical Properties, Noise 153&154 (1993) 366
Electrical Properties, Stability 153&154 (1993) 412
Electrical Properties, Thermodynamics 153&154 (1993) 312
Electron Microscopy, Chemical Short-Range Order 153&154 (1993) 68
Electron Microscopy, Defects 153&154 (1993) 108
Electron Microscopy, Defects 153&154 (1993) 119
Electron Microscopy, Defects 153&154 (1993) 453
Electron Microscopy, Defects 153&154 (1993) 519
Electron Microscopy, Mechanical Properties 153&154 (1993) 103
Electron Microscopy, Microstructure 153&154 (1993) 86
Electron Microscopy, Microstructure 153&154 (1993) 508
Electron Microscopy, Phase Transition 153&154 (1993) 623
Electron Microscopy, Stability 153&154 (1993) 635
Electron Microscopy, Structure 153&154 (1993) 19
Electron Microscopy, Structure 153&154 (1993) 28
Electron Microscopy, Structure 153&154 (1993) 98
Electron Microscopy, Structure 153&154 (1993) 145
Electronic Structure, Density of States 153&154 (1993) 386
Electronic Structure, Density of States 153&154 (1993) 390
Electronic Structure, Density of States 153&154 (1993) 430
Electronic Structure, Density of States 153&154 (1993) 439
Electronic Structure, Hopping 153&154 (1993) 420
Electronic Structure, Modelling 153&154 (1993) 394

Electronic Structure, Modelling 153&154 (1993) 408
Electronic Structure, Modelling 153&154 (1993) 586
Electronic Structure, Optical Properties 153&154 (1993) 380
Electronic Structure, Stability 153&154 (1993) 541
Electronic Structure, Structure 153&154 (1993) 375
Electronic Structure 153&154 (1993) 434
Electronic Structure, XPS 153&154 (1993) 298
Entropy, Structure 153&154 (1993) 201
Entropy, Structure 153&154 (1993) 205
Entropy, Structure 153&154 (1993) 253
EXAFS, Structure 153&154 (1993) 83
Growth Kinetics, Electron Microscopy 153&154 (1993) 463
Hall Coefficient, Elastic Properties 153&154 (1993) 361
Interfaces, Growth Kinetics 153&154 (1993) 513
Lattice Dynamics, Density of States 153&154 (1993) 562
Lattice Dynamics, Density of States 153&154 (1993) 573
Magnetic Properties, Electronic Structure 153&154 (1993) 329
Magnetic Properties, Monte Carlo Simulations 153&154 (1993) 425
Magnetic Properties, Phase Transition 153&154 (1993) 317
Magnetic Properties, Phase Transition 153&154 (1993) 403
Mechanical Properties, Applications 153&154 (1993) 443
Mechanical Properties, Coatings 153&154 (1993) 458
Mechanical Properties, Hardness 153&154 (1993) 446
Mechanical Properties, Modelling 153&154 (1993) 272
Mechanical Properties, Plasticity 153&154 (1993) 468
Microstructure, Clusters 153&154 (1993) 172
Microstructure, Electron Microscopy 153&154 (1993) 473
Microstructure, Growth Kinetics 153&154 (1993) 478
Modelling, Structure 153&154 (1993) 15
Modelling, Structure 153&154 (1993) 140
Modelling, Structure 153&154 (1993) 221
Modelling, Structure 153&154 (1993) 282
Modelling, Structure 153&154 (1993) 658
Molecular Dynamics, Stability 153&154 (1993) 536
Monte Carlo Simulations, Electronic Conductivity 153&154 (1993) 370
Monte Carlo Simulations, Structure 153&154 (1993) 210
Mössbauer Effect, Structure 153&154 (1993) 58
Mössbauer Effect, Structure 153&154 (1993) 45
Mössbauer Effect, X-ray Diffraction 153&154 (1993) 49
Neutron Diffraction, Structure 153&154 (1993) 1
Neutron Diffraction, Structure 153&154 (1993) 10
Neutron Diffraction, Structure 153&154 (1993) 398
Optical Properties, Electronic Structure 153&154 (1993) 308
Phase Transition, Crystallization 153&154 (1993) 630
Phase Transition, Dynamical Structure 153&154 (1993) 645
Phase Transition, Electron Microscopy 153&154 (1993) 591
Phase Transition, Electron Microscopy 153&154 (1993) 606
Phase Transition, Electron Microscopy 153&154 (1993) 615
Phase Transition, Modelling 153&154 (1993) 640
Phase Transition, Modelling 153&154 (1993) 650
Phase Transition, X-ray Diffraction 153&154 (1993) 595
Point Groups, Structure, Crystal to Amourphous Phase Transformation 153&154 (1993) 288
Pseudopotential Approach, Structure 153&154 (1993) 416
Rutherford Backscattering, Structure 153&154 (1993) 72
Specific Heat, Electronic Structure 153&154 (1993) 357
Specific Heat, Modelling 153&154 (1993) 578
Stability, Differential Thermal Analysis 153&154 (1993) 504
Stability, Forming 153&154 (1993) 530
Stability, Structure 153&154 (1993) 268
Stability, Structure 153&154 (1993) 482
Stability, X-ray Diffraction 153&154 (1993) 489
Structure, Calorimetry 153&154 (1993) 187
Structure, Defects 153&154 (1993) 77
Structure, Defects 153&154 (1993) 132
Structure, Defects 153&154 (1993) 165
Structure, Electron Microscopy 153&154 (1993) 63
Structure, Electron Microscopy 153&154 (1993) 114
Structure, Modelling 153&154 (1993) 40
Structure, Modelling 153&154 (1993) 123
Structure, Modelling 153&154 (1993) 126
Structure, Modelling 153&154 (1993) 137
Structure, Modelling 153&154 (1993) 150
Structure, Modelling 153&154 (1993) 155
Structure, Modelling 153&154 (1993) 160
Structure, Modelling 153&154 (1993) 177
Structure, Modelling 153&154 (1993) 181
Structure, Modelling 153&154 (1993) 196
Structure, Modelling 153&154 (1993) 215
Structure, Modelling 153&154 (1993) 243
Structure, Modelling 153&154 (1993) 247
Structure, Modelling 153&154 (1993) 258
Structure, Modelling 153&154 (1993) 264
Structure, Phase Transition 153&154 (1993) 654
Structure, Point Groups, Crystal to Amourphous Phase Transformation 153&154 (1993) 611
Structure, X-ray Diffraction 153&154 (1993) 227
Thermodynamics, Calorimetry 153&154 (1993) 500
X-ray Diffraction, Modelling 153&154 (1993) 293
X-ray Diffraction, Structure 153&154 (1993) 5
X-ray Diffraction, Structure 153&154 (1993) 24
X-ray Diffraction, Structure 153&154 (1993) 33
X-ray Diffraction, Structure 153&154 (1993) 53
X-ray Diffraction, Structure 153&154 (1993) 92
X-ray Diffraction, Structure 153&154 (1993) 600
X-ray Diffraction, Structure 153&154 (1993) 620

Relaxation
Nuclear Magnetic Resonance 153&154 (1993) 347

Rutherford Backscattering
Quasicrystals, Structure 153&154 (1993) 72

Specific Heat
Quasicrystals, Electronic Structure 153&154 (1993) 357
Quasicrystals, Modelling 153&154 (1993) 578

Stability
Quasicrystals, Clusters 153&154 (1993) 546
Quasicrystals, Differential Thermal Analysis 153&154 (1993) 504

Quasicrystals, Electrical Properties 153&154 (1993) 412
Quasicrystals, Electron Microscopy 153&154 (1993) 635
Quasicrystals, Electronic Structure 153&154 (1993) 541
Quasicrystals, Forming 153&154 (1993) 530
Quasicrystals, Molecular Dynamics 153&154 (1993) 536
Quasicrystals, Structure 153&154 (1993) 268
Quasicrystals, Structure 153&154 (1993) 482
Quasicrystals, X-ray Diffraction 153&154 (1993) 489

Structure
Quasicrystals, Calorimetry 153&154 (1993) 187
Quasicrystals, Clusters 153&154 (1993) 232
Quasicrystals, Clusters 153&154 (1993) 237
Quasicrystals, Clusters 153&154 (1993) 276
Quasicrystals, Clusters 153&154 (1993) 525
Quasicrystals, Defects 153&154 (1993) 77
Quasicrystals, Defects 153&154 (1993) 132
Quasicrystals, Defects 153&154 (1993) 165
Quasicrystals, Electron Microscopy 153&154 (1993) 19
Quasicrystals, Electron Microscopy 153&154 (1993) 28
Quasicrystals, Electron Microscopy 153&154 (1993) 114
Quasicrystals, Electron Microscopy 153&154 (1993) 63
Quasicrystals, Electron Microscopy 153&154 (1993) 98
Quasicrystals, Electron Microscopy 153&154 (1993) 145
Quasicrystals, Electronic Structure 153&154 (1993) 375
Quasicrystals, Entropy 153&154 (1993) 201
Quasicrystals, Entropy 153&154 (1993) 205
Quasicrystals, Entropy 153&154 (1993) 253
Quasicrystals, EXAFS 153&154 (1993) 83
Quasicrystals, Modelling 153&154 (1993) 15
Quasicrystals, Modelling 153&154 (1993) 40
Quasicrystals, Modelling 153&154 (1993) 123
Quasicrystals, Modelling 153&154 (1993) 126
Quasicrystals, Modelling 153&154 (1993) 137
Quasicrystals, Modelling 153&154 (1993) 140
Quasicrystals, Modelling 153&154 (1993) 150
Quasicrystals, Modelling 153&154 (1993) 155
Quasicrystals, Modelling 153&154 (1993) 160
Quasicrystals, Modelling 153&154 (1993) 177
Quasicrystals. Modelling 153&154 (1993) 181
Quasicrystals, Modelling 153&154 (1993) 196
Quasicrystals, Modelling 153&154 (1993) 215
Quasicrystals, Modelling 153&154 (1993) 221
Quasicrystals, Modelling 153&154 (1993) 243
Quasicrystals, Modelling 153&154 (1993) 247
Quasicrystals, Modelling 153&154 (1993) 258
Quasicrystals, Modelling 153&154 (1993) 264
Quasicrystals, Modelling 153&154 (1993) 282
Quasicrystals, Modelling 153&154 (1993) 658
Quasicrystals, Monte Carlo Simulations 153&154 (1993) 210
Quasicrystals, Mössbauer Effect 153&154 (1993) 58
Quasicrystals, Mössbauer Effect 153&154 (1993) 45
Quasicrystals, Neutron Diffraction 153&154 (1993) 1
Quasicrystals, Neutron Diffraction 153&154 (1993) 10
Quasicrystals, Neutron Diffraction 153&154 (1993) 398
Quasicrystals, Phase Transition 153&154 (1993) 654
Quasicrystals, Point Groups, Crystal to Amourphous Phase Transformation 153&154 (1993) 288
Quasicrystals, Point Groups, Crystal to Amourphous Phase Transformation 153&154 (1993) 611
Quasicrystals, Pseudopotential Approach 153&154 (1993) 416
Quasicrystals, Rutherford Backscattering 153&154 (1993) 72
Quasicrystals, Stability 153&154 (1993) 268
Quasicrystals, Stability 153&154 (1993) 482
Quasicrystals, X-ray Diffraction 153&154 (1993) 5
Quasicrystals, X-ray Diffraction 153&154 (1993) 24
Quasicrystals, X-ray Diffraction 153&154 (1993) 33
Quasicrystals, X-ray Diffraction 153&154 (1993) 53
Quasicrystals, X-ray Diffraction 153&154 (1993) 92
Quasicrystals, X-ray Diffraction 153&154 (1993) 227
Quasicrystals, X-ray Diffraction 153&154 (1993) 600
Quasicrystals, X-ray Diffraction 153&154 (1993) 620

Thermodynamics
Quasicrystals, Calorimetry 153&154 (1993) 500
Quasicrystals, Electrical Properties 153&154 (1993) 312

Two-Level system
Quasicrystals, Dynamical Properties 153&154 (1993) 557

XPS
Quasicrystals, Electronic Structure 153&154 (1993) 298

X-ray Diffraction
Quasicrystals, Modelling 153&154 (1993) 293
Quasicrystals, Mössbauer Effect 153&154 (1993) 49
Quasicrystals, Phase Transition 153&154 (1993) 595
Quasicrystals, Stability 153&154 (1993) 489
Quasicrystals, Structure 153&154 (1993) 5
Quasicrystals, Structure 153&154 (1993) 24
Quasicrystals, Structure 153&154 (1993) 33
Quasicrystals, Structure 153&154 (1993) 53
Quasicrystals, Structure 153&154 (1993) 92
Quasicrystals, Structure 153&154 (1993) 227
Quasicrystals, Structure 153&154 (1993) 600
Quasicrystals, Structure 153&154 (1993) 620